



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Tso et al.

Examiner: Smith, Creighton H.

Application No.: 09/945,143

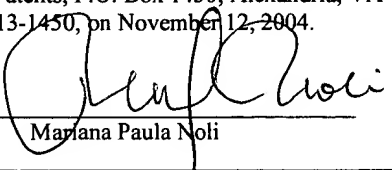
Group Art Unit: 2645

Filed: August 31, 2001

For: "GPS RF FRONT END IC WITH
PROGRAMMABLE FREQUENCY SYNTHESIZER
FOR USE IN WIRELESS PHONES"

Certificate of Mailing

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with sufficient postage as US First Class Mail in an envelope addressed to Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on November 12, 2004.


Mariana Paula Noli

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.56 and in accordance with 37 C.F.R. §§ 1.97-1.98, please find enclosed an Information Disclosure Statement by Applicant for the above-identified application. Inclusion of information in this Statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. § 1.56(b).

Copies of the U.S. and foreign patent documents listed on the attached form PTO-1449 are enclosed.



FORM PTO-1449 U.S. Department of Commerce

Patent and Trademark Office

Attorney Docket No.:
ST00021USU (115-US-U1)Serial No.:
09/945,143

List of Documents Cited by Applicant

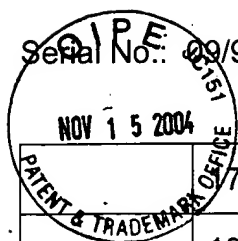
Applicant(s): SiRF Technology, Inc.

Filing Date: August 31, 2004

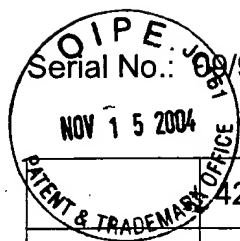
Group: 2645

U.S. PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Date	Name	Class	Subclass	Filing date if Appropriate
	01	4,426,712	01/17/1984	Gorski-Popiel			
	02	4,445,118	04/24/1984	Taylor et al			
	03	4,463,357	07/31/1984	MacDoran			
	04	4,578,678	03/25/1986	Hurd			
	05	4,667,203	05/19/1987	Counselman, III			
	06	4,701,934	10/10/1987	Jasper			
	07	4,754,465	06/28/1988	Trimble			
	08	4,785,463	06/28/1988	Janc et al			
	09	4,809,005	11/15/1988	Counselman, III			
	10	4,821,294	02/28/1989	Thomas Jr.			
	11	4,890,233	12/26/1989	Ando et al			
	12	4,894,662	01/16/1990	Counselman			
	13	4,998,111	03/05/1991	Ma et al			
	14	5,014,066	05/07/1991	Counselman, III			
	15	5,036,329	08/27/1991	Ando			
	16	5,043,736	08/27/1991	Darnell et al			

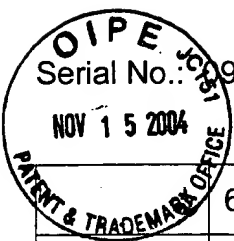


17	5,108,334	04/28/1992	Eschenbach et al			
18	5,177,490	01/05/1993	Ando et al			
19	5,202,829	04/13/1993	Geier			
20	5,223,844	06/29/1993	Mansell et al			
21	5,225,842	07/06/1993	Brown et al			
22	5,293,170	03/08/1994	Lorenz et al			
23	5,311,195	05/10/1994	Mathis et al			
24	5,323,164	06/21/1994	Endo			
25	5,343,209	08/30/1994	Senott et al			
26	5,345,244	09/06/1994	Goldea et al			
27	5,347,284	09/13/1994	Volpi et al			
28	5,347,536	09/13/1994	Meehan			
29	5,365,450	11/15/1994	Schuchman et al			
30	5,379,224	01/03/1995	Brown et al			
31	5,402,347	03/28/1995	McBurney et al			
32	5,416,712	05/16/1995	Geier et al			
33	5,420,593	05/30/1995	Niles			
34	5,422,813	06/06/1995	Schuchman et al			
35	5,440,313	08/08/1995	Osterdock et al			
36	5,450,344	09/12/1995	Woo et al			
37	5,504,684	04/02/1996	Lau et al			
38	5,506,587	04/09/1996	Lans			
39	5,535,278	07/09/1996	Cahn et al			
40	5,587,715	12/24/1996	Lewis			
41	5,592,173	01/07/1997	Lau et al			



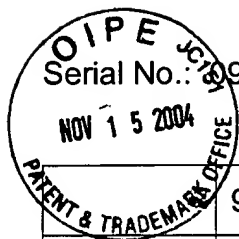
Serial No.: 09/945,143

	42	5,625,668	04/29/1997	Loomis et al			
	43	5,663,734	09/02/1997	Krasner			
	44	5,663,735	09/02/1997	Eshenbach			
	45	5,666,330	09/09/1997	Zampetti			
	46	5,701,328	12/23/1997	Schuchman et al			
	47	5,726,893	03/10/1998	Schuchman et al			
	48	5,739,786	04/14/1998	Greenspan et al			
	49	5,757,786	05/26/1998	Joo			
	50	5,781,156	07/14/1998	Krasner			
	51	5,786,789	07/28/1998	Janky			
	52	5,812,087	09/22/1998	Krasner			
	53	5,825,327	10/20/1998	Krasner			
	54	5,828,694	10/27/1998	Schipper			
	55	5,831,574	11/03/1998	Krasner			
	56	5,841,396	11/24/1998	Krasner			
	57	5,845,203	12/01/1998	LaDue			
	58	5,854,605	12/29/1998	Gildea			
	59	5,874,914	02/23/1999	Krasner			
	60	5,877,724	03/02/1999	Davis			
	61	5,877,725	03/02/1999	Kalafus			
	62	5,883,594	03/16/1999	Lau			
	63	5,884,214	03/16/1999	Krasner			
	64	5,889,474	03/30/1999	LaDue			
	65	5,903,654	05/11/1999	Milton et al			
	66	5,907,809	05/25/1999	Molnar et al			



Serial No.: 99/945,143

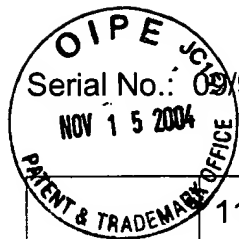
67	5,917,444	06/29/1999	Loomis et al			
68	5,920,283	07/06/1999	Shaheen et al			
69	5,923,703	07/13/1999	Pon et al			
70	5,926,131	07/20/1999	Sakumoto et al			
71	5,936,572	08/10/1999	Loomis et al			
72	5,940,027	08/17/1999	Forseth et al			
73	5,943,363	08/24/1999	Hanson et al			
74	5,945,944	08/31/1999	Krasner			
75	5,963,582	10/05/1999	Stansell, Jr.			
76	5,977,909	11/02/1999	Harrison et al			
77	5,982,324	11/09/1999	Watters et al			
78	5,987,016	11/16/1999	He			
79	5,999,124	12/07/1999	Sheynblat			
80	6,002,362	12/14/1999	Gudat			
81	6,002,363	12/14/1999	Krasner			
82	6,009,551	12/28/1999	Sheynblat			
83	6,016,119	01/18/2000	Krasner			
84	6,041,222	02/21/2000	Horton et al			
85	6,047,017	04/04/2000	Cahn et al			
86	6,052,081	04/18/2000	Krasner			
87	6,061,018	05/09/2000	Sheynblat			
88	6,064,336	05/16/2000	Krasner			
89	6,081,229	06/27/2000	Soliman et al			
90	6,104,338	08/15/2000	Krasner			
91	6,104,340	08/15/2000	Krasner			



Serial No.: 69/945,143

Page 5 of 7

92	6,104,712	08/15/2000	Robert et al			
93	6,107,960	08/22/2000	Krasner			
94	6,111,540	08/29/2000	Krasner			
95	6,111,541	08/29/2000	Karmel			
96	6,122,506	09/19/2000	Lau et al			
97	6,131,067	10/10/2000	Ginerd et al			
98	6,133,871	10/17/2000	Krasner			
99	6,133,873	10/17/2000	Krasner			
100	6,133,874	10/17/2000	Krasner			
101	6,150,980	11/21/2000	Krasner			
102	6,172,640	01/09/2001	Durst et al			
103	6,178,195	01/23/2001	Durboraw, III et al			
104	6,185,427	02/06/2001	Krasner et al			
105	6,188,351	02/13/2001	Bloebaum			
106	6,211,819	04/03/2001	King et al			
107	6,222,484	04/24/2001	Seiple et al			
108	6,225,944	05/01/2001	Hayes			
109	6,236,365	05/22/2001	LeBlanc et al			
110	6,249,245	06/19/2001	Watters et al			
111	6,263,280	07/17/2001	Stingone, Jr.			
112	6,347,228	02/12/2002	Ludden et al			
113	6,353,412	03/05/2002	Soliman			
114	6,389,291	05/14/2002	Pande et al			
115	6,400,314	06/04/2002	Krasner			
116	6,405,132	06/11/2002	Breed et al			



Serial No.: 09/945,143

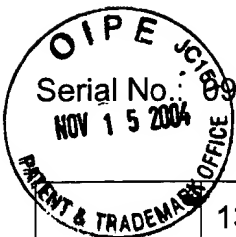
NOV 15 2004

Page 6 of 7

117	6,411,811	06/25/2002	Kingdon et al			
118	6,427,120	07/30/2002	Garin et al			
119	6,429,815	08/06/2002	Soliman			
120	6,433,739	08/13/2002	Soliman			
121	6,456,234	09/24/2002	Johnson			
122	6,473,030	10/29/2002	McBurney et al			
123	6,480,145	11/12/2002	Hasegawa			
124	6,505,161	01/07/2003	Brems			
125	6,519,466	02/11/2003	Pande et al			
126	6,526,352	02/25/2003	Breed et al			
127	6,542,823	04/01/2003	Garin et al			
128	6,583,734	06/24/2003	Bates et al			
129	6,633,255	10/14/2003	Krasner			
130	6,677,894	01/13/2004	Sheynblat et al			
131	6,684,158	01/27/2004	Garin et al			
132	6,720,920	04/13/2004	Breed et al			
133	6,731,238	05/04/2004	Johnson			
134	6,738,630	05/18/2004	Ashmore			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Name of Patentee or Applicant	Translation Yes No
135	JP 58-105632	06/23/1983			
136	GB 2,115,195	01/18/1983			
137	JP 7-36035	05/09/1986			
138	EP WO 90/11652	10/4/1990			



Serial No. 09/945,143

NOV 15 2004

Page 7 of 7

139	EP 0511741	11/04/1992			
140	JP 4-326079	11/16/1992			
141	WO 99/47943	09/23/1999		Qualcomm Inc	
142	WO 00/10031	02/24/2000		Ericsson Inc.	
143	JP Laid-Open Pat. Pub. No. 2000- 102058	04/07/2000		NTT	
144	EP 1 092 987	04/18/2001		Sony Corp	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

145	New Fast GPS Code-Acquisition using FFT, Electronic Letters, Vol. 27, Number 2, pages 158-160 (1991)				
146	Novel Fast GPS/GLONASS Code Acquisition Technique Using Low Update Rate FFT, Electronic Letters, Vol. 28, Number 9, pages 863-865 (1992)				

EXAMINER _____ DATE CONSIDERED _____

*Examiner Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.